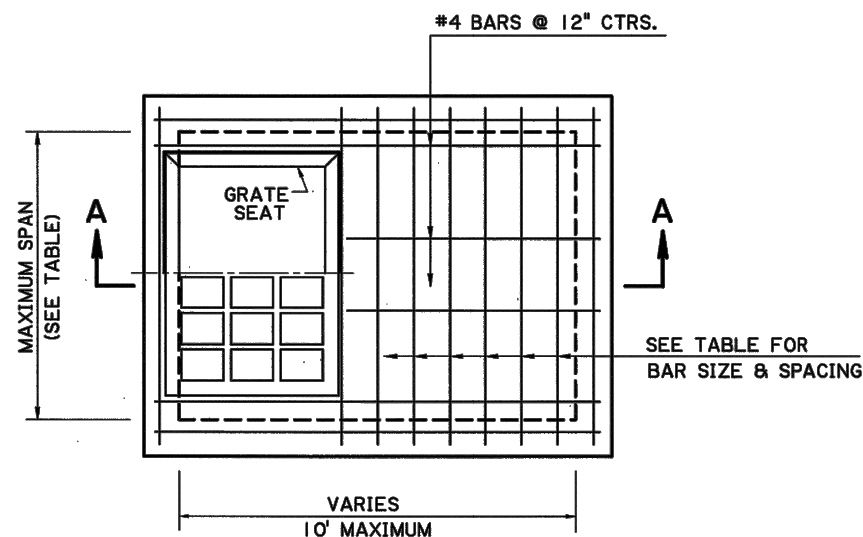




— REMOVE EXISTING
CATCH BASIN OR
MANHOLE TO THIS LINE.
IF CONCRETE, EXISTING
BARS TO BE EXPOSED,
CLEANED, AND BENT AS
SHOWN IN SECTION A-A.

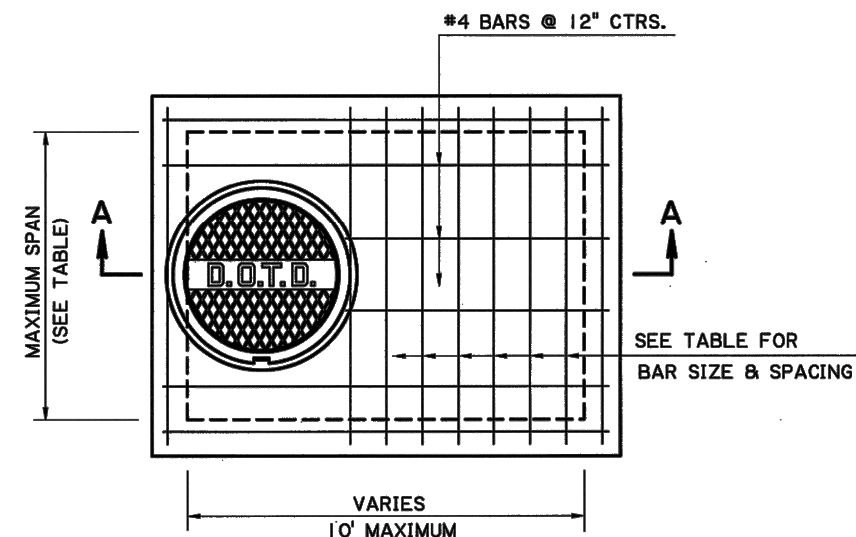


CATCH BASIN PLAN

SHOWING NEW CONSTRUCTION
GRATE TO BE TYPE "B" OR "C".
TYPE "B" SHOWN.*

**NOTE: TYPE "B" GRATE TO BE USED WHERE
NO PEDESTRIAN TRAFFIC IS EXPECTED.**

TYPE "C" GRATE TO BE USED WHERE
PEDESTRIAN TRAFFIC IS EXPECTED.



MANHOLE PLAN

SHOWING NEW CONSTRUCTION

* CLEAN EXISTING GRATES/FRAMES AS PER PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES AND CATCH BASINS.

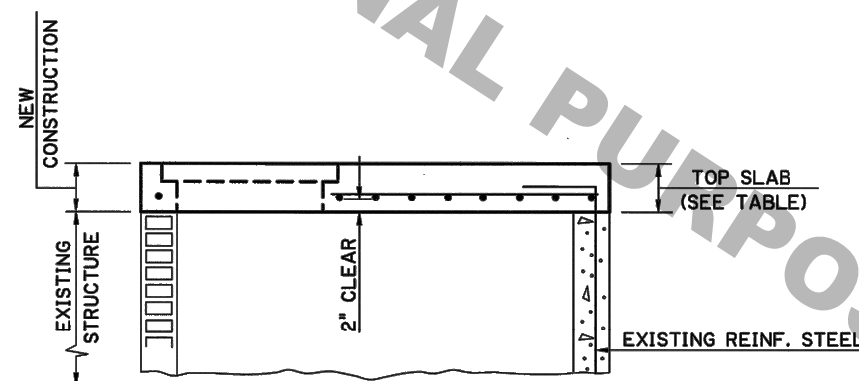
GENERAL NOTES:

DIMENSIONS RELATING TO REINFORCED STEEL ARE TO BARS CENTERS.

FOR DETAILS OF CATCH BASIN GRATE AND SEAT,
SEE STD. PLAN MC-01 (TYPE B OR C).

FOR DETAILS OF MANHOLE CAST IRON COVER AND SEAT,
SEE STD. PLAN MC-01 (TYPE K OR K₁).

PROJECT SPECIFICATIONS FOR MANHOLES, JUNCTION BOXES
AND CATCH BASINS SHALL APPLY.



SECTION A-A

SHOWING NEW CONSTRUCTION FOR CATCH BASIN OR MANHOLE
(FOR CONCRETE OR BRICK WALL)

MAXIMUM SPAN	TOP SLAB	BAR SIZE	BAR SPACING
4'	8"	#5	8"
6'	8½"	#5	6"
8'	9½"	#5	5"
9'	10½"	#5	4"



9/24/08

ADJUSTMENT/CONVERSION OF EXISTING CATCH BASINS OR MANHOLES

- NOTE: 1) FOR ALL CATCH BASIN ADJUSTMENTS, THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR AS PAY ITEM "ADJUSTING CATCH BASINS".
- 2) FOR ALL CATCH BASIN AND MANHOLE CONVERSIONS (CATCH BASIN TOP TO MANHOLE TOP OR MANHOLE TOP TO CATCH BASIN TOP), THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR AS PAY ITEM "NS-MSC-00120".
- 3) FOR ALL MANHOLE ADJUSTMENTS GREATER THAN 7", THIS DETAIL SHOULD BE INCLUDED IN THE PLANS AND PAID FOR AS PAY ITEM "ADJUSTING MANHOLES".
- 4) FOR ALL MANHOLE ADJUSTMENTS LESS THAN OR EQUAL TO 7", MANHOLE ADJUSTMENT RINGS MAY BE USED. PAYMENT SHALL BE UNDER PAY ITEM "ADJUSTING MANHOLES WITH MANHOLE ADJUSTMENT RINGS" AND NO DETAIL IS NEEDED IN THE PLANS. REFER TO STANDARD PLAN MC-01.